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TITLE: Encryption information exchange
system for communication
network e.g. LAN, WAN - has mobile
unit which performs
updatation management of encryption key
generated by base
station, to enable user to decode
information

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PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
JP 11085014 A		March 30, 1999	N/A
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
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INT-CL (IPC): G09C001/00, H04L009/08

ABSTRACTED-PUB-NO: JP 11085014A

BASIC-ABSTRACT:

NOVELTY - An encryption system (11) performs management of encryption key generated by a base station (1), based on management data (13) corresponding to user identification symbol (9) and distributes the encryption key to a mobile unit (2) which performs updatation management using management data (14). The

user (3) decodes information using the encryption key stored by the mobile unit.

USE - For maintaining data security during communication through communication network e.g. LAN, WAN.

ADVANTAGE - Ensures security maintenance by usage of encryption key. Since throwaway encryption key is used, user is not conscious of existence of encryption key and hence control of individual security is simplified.

DESCRIPTION OF DRAWING(S) - The figure shows the information communication network with encryption information exchange system. (1) Base station; (2) Mobile unit; (3) User; (9) User identification symbol; (11) Encryption system; (13,14) Management data.

CHOSEN-DRAWING: Dwg.1/18

TITLE-TERMS: ENCRYPTION INFORMATION EXCHANGE SYSTEM
COMMUNICATE NETWORK LAN WAN
MOBILE UNIT PERFORMANCE MANAGEMENT ENCRYPTION
KEY GENERATE BASE
STATION ENABLE USER DECODE INFORMATION

DERWENT-CLASS: P85 W01

EPI-CODES: W01-A05A; W01-A06B5A; W01-B05A1A; W01-B05A1B;

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